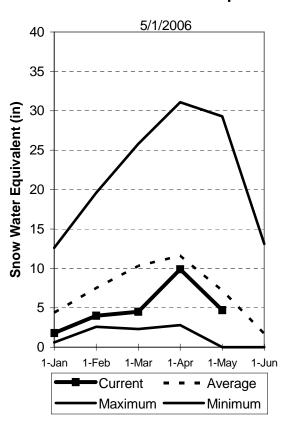
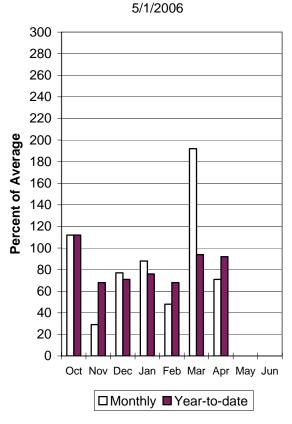
## E. Garfield, Kane, Washington, & Iron Co. May 1, 2006

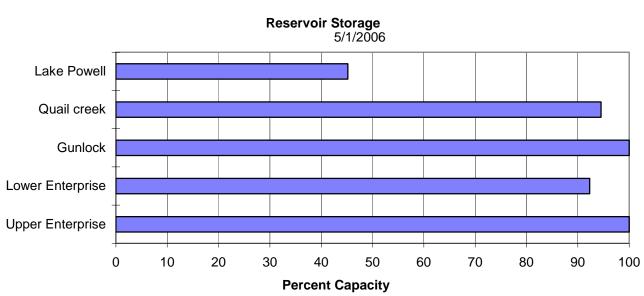
Snowpacks in this region are much below normal at 65% of average, about 22% of last year. Individual sites range from 0% to 99% of average. Precipitation was below normal during April at 74% of average, bringing the seasonal accumulation (Oct-Apr) to 92% of normal. Snow melt in April was 18% above average with about half of sites now melted out. Soil moisture estimates in runoff producing areas are at 60% of saturation in the upper 2 feet of soil compared to 69% last year and up 10% from last month. Forecast streamflows range from 62% to 86% of average. Reservoir storage is at 93% of capacity, 4% less than last year. The Surface Water Supply Index is at 70%, indicating above normal water availability, due to high reservoir storage.

### **Southwest Utah Snowpack**



# Southwest Utah Precipitation





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#### E. GARFIELD, KANE, WASHINGTON, & IRON Co. Streamflow Forecasts - May 1, 2006

		<<===== Drier ====== Future Conditions ====== Wetter ====>								
		İ								
Forecast Point	Forecast	i ======		= Chance Of E	Exceeding * :					
	Period	90%	70%	J 50	_	l 30%	10%	30-Yr Avg.		
		(1000AF)	(1000AF)	(1000AF)		(1000AF)	(1000AF)	(1000AF)		
		(2000112 <i>)</i>	=======			(2000112 ) 		=========		
Lake Powell Inflow (2)	APR-JUL	5390	6190	l 6800	86	1 7370	8250	7930		
	APR-JUL	4350	5210	5790	83	6370	7230	6940		
		2000	5225	1 2.20		1	, 200	0,720		
Virgin River at Virgin	APR-JUL	40	44	l   47	73	!   51	56	64		
viigin kivei de viigin	MAY-JUL	15.5	19.7	23	55	26	32	42		
	MAI-UUL	13.3	19.7	23 	33	20 	32	72		
Virgin River near Hurricane	APR-JUL	37	43	l   49	71	l   55	66	69		
Vilgin kiver hear narricane	MAY-JUL	13.3	20	1 26	57	33	43	46		
	MAI-UUL	13.3	20	20 	57	] 32 	43	40		
Santa Clara River nr Pine Valley	APR-JUL	2.5	3.0	   3.4	62	l   3.8	4.5	5.5		
banca crara krver in rine variey	MAY-JUL	1.0	1.5	1.9	42	2.3	3.0	4.5		
	MAI-UUL	1.0	1.5	1 1.9	42	2.3 	3.0	4.5		
Coal Creek nr Cedar City	APR-JUL	13.7	15.4	16.5	86	17.7	19.5	19.3		
	MAY-JUL	7.3	9.4	11.1	70	12.9	15.8	15.9		
	1111 -0011	7.5	J. T		70	1 12.5	13.0	13.7		
				l 		l 				

E. GARFIELD, KANE, WASHINGTON, & IRON Co. Reservoir Storage (1000 AF) - End of April

E. GARFIELD, KANE, WASHINGTON, & IRON Co. Watershed Snowpack Analysis - May 1, 2006

Reservoir Storage (1)	watershed showpack Analysis - May 1, 2006							
Reservoir	Usable Capacity		able Storag Last Year	ge ***       Avg	Watershed	Number of ata Sites	This Year as % ofLast Yr Average	
GUNLOCK	10.4	10.4	10.4	4.3	VIRGIN RIVER	5	23	80
LAKE POWELL	24322.0	10993.0	8569.0		PAROWAN	2	27	84
QUAIL CREEK	40.0	37.8	38.8	31.6	ENTERPRISE TO NEW HARMONY	7 2	0	0
UPPER ENTERPRISE	10.0	10.0	10.0		COAL CREEK	2	26	85
LOWER ENTERPRISE	2.6	2.4	2.6	115.5	ESCALANTE RIVER	2	10	21
					E. GARFIELD, KANE, WASHIN	1 9	20	65

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.